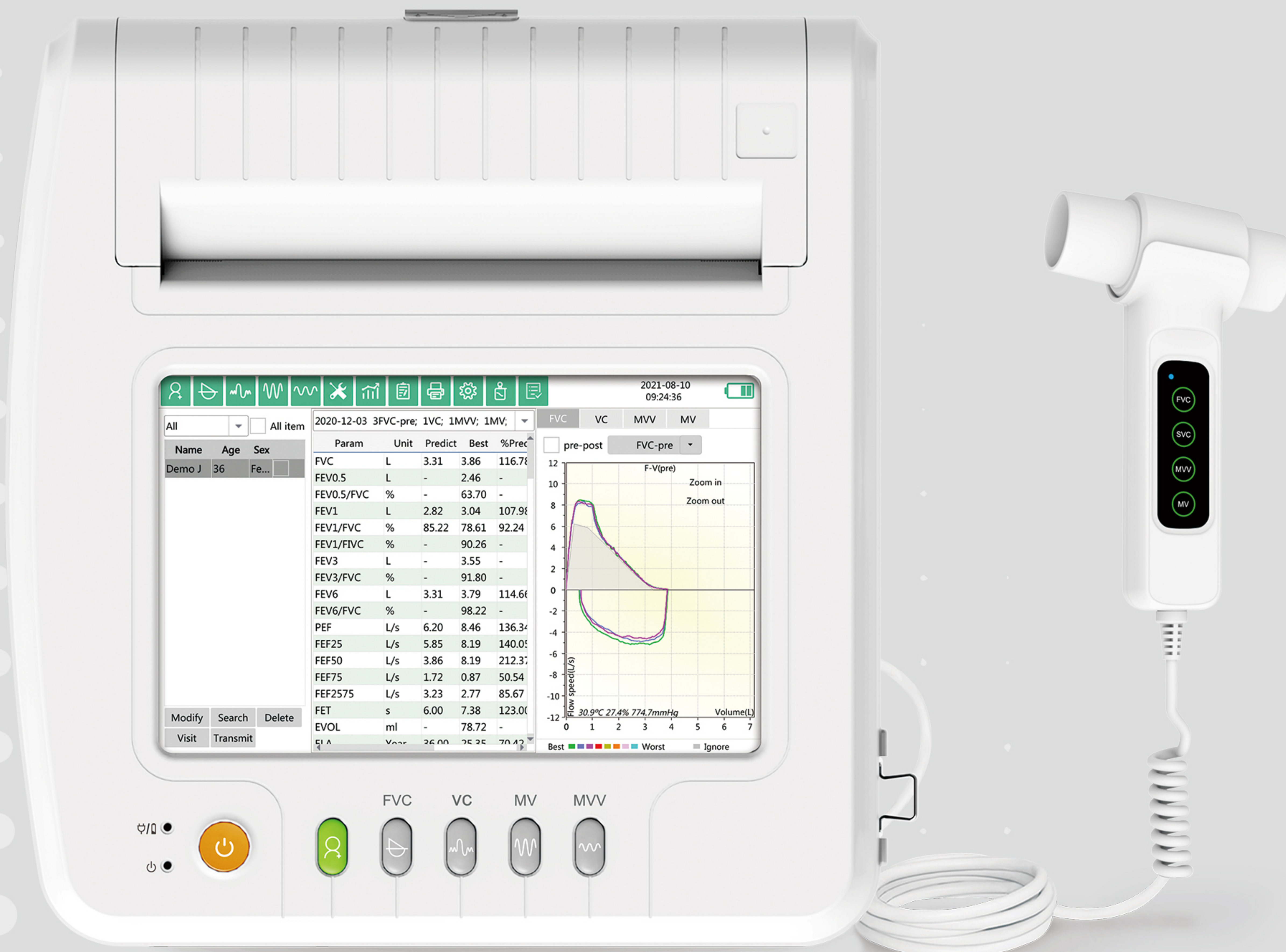


CONTEC

Stock Code:300869



Intelli-Spiro Enjoy the breathing



Spirometer

SP100B

Contec Medical Systems Co.,Ltd.

ADD:No.112 Qinhuang West Street, Economic & Technical Development Zone,
Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC OF CHINA

Tel: +86-335-8015430

Fax: +86-335-8015588

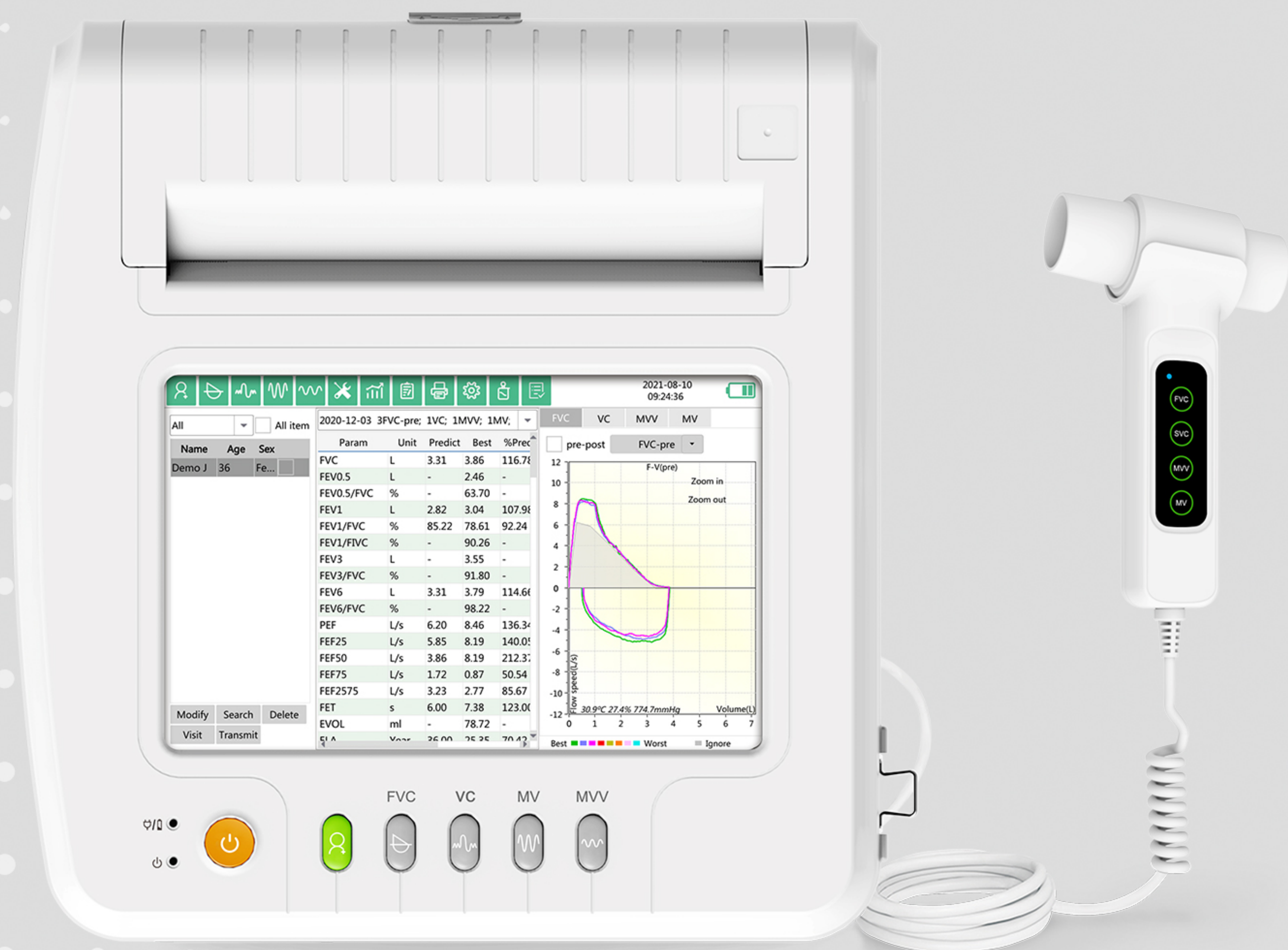
E-mail: cms@contecmed.com.cn

Website: <http://www.contecmed.com>

CONTEC reserves the right of product appearance, specifications and function modification and updating,
without prior notification. CMS2.782.556EXC/1.0 1.4.03.11.144

Spirometer

SP100B



The Spirometer is a portable device for testing pulmonary function, it adopts differential pressure acquisition principle to measure over 100 parameters related to FVC, VC, MVV and MV functions. It can be used in many scenarios, such as hospital, clinic, family, MVV and provocation test before / after medication, etc. which can provide the test results of pulmonary function for the users and the basis for the medical staff to make diagnosis.

Function

- Differential pressure detection technology, with a professional lung function software, which can measure over 100 parameters related to FVC, VC, MVV and MV functions.
- Measure inspiratory and expiratory parameters, real-time curve display.
- BTPS correction function, measure temperature, humidity and barometric pressure automatically.
- Quality control function, automatic QC rating.
- Calibration control function: volume calibration, three flows verification.
- Display the optimal value from many measurements.
- The tester condition can be reflected by the ratio of the measured value and the predicted value.
- Flow-volume and volume-time curve.
- Data memory, delete and information review functions.
- Trend chart display.
- Prompt functions for over-limit of volume and flow.
- Rechargeable lithium battery, with charging prompt.
- Battery power indication.
- Built-in multiple predicted values.
- Support bronchial dilation / provocation test.
- Pulmonary function assessment.
- Follow-up questionnaires function.
- Patient information can be entered, managed and queried.
- The test report can be printed and output by the built-in 210mm thermal printer.
- The external printer can be connected to print and output the test report.
- 10.1" capacitive touch screen.
- Wi-Fi function.
- Built-in ID card reader (optional).

Performance

- Display mode: 10.1" color LCD
- Display resolution: 1280 * 800
- Volume range: 0 L ~ 10 L (BTPS)
- Volume accuracy: $\pm 3\%$ or $\pm 0.05\text{ L}$ (whichever is greater)
- Flow range: 0 L/s ~ 16 L/s (BTPS)
- Flow accuracy: $\pm 5\%$ or $\pm 0.17\text{ L/s}$ (whichever is greater)
- Power consumption: $P \leq 150\text{ V}\cdot\text{A}$
- Power supply: DC 14.8 V rechargeable lithium battery or AC220V 50Hz
- Safety class: class I or internally powered equipment, type BF applied part

Accessories

- A pulmonary function probe
- A User Manual
- 100 mouthpieces (round: 50, flat: 50)
- A cord set
- A recording paper
- An earth line
- A nose clip (optional)

Physical characteristic

- Dimension: 340 mm (L) \times 320 mm (W) \times 86 mm (H)
- Weight: about 4000 g